

# Python: module browser.gui\_variable\_information

## ***browser.gui\_variable\_information***

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```
# The PCMDI Data Browser Variable Information Panel - gui_variable_information
#
#####
#
# Module:          gui_variable_information module
#
# Copyright:       "See file Legal.htm for copyright information."
#
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#
# Description:     PCMDI Software System browser Tkinter "Variable Information"
#                  panel GUI.
#
# Version:         3.0
#
#####
#
#-----
# NOTE: need to use version of Python that imports Tkinter and Pmw
#-----
```

## ***Modules***

<u>Tkinter</u>	<u>browser.gui control</u>	<u>os</u>	<u>browser.vcs function</u>
<u>main</u>	<u>browser.gui defined_variables</u>	<u>string</u>	
<u>browser.gui busy</u>	<u>browser.gui formulate</u>	<u>sys</u>	
<u>gui support.gui color</u>	<u>browser.gui message</u>	<u>types</u>	

## ***Classes***

Form  
create  
create\_page\_description\_panel

class ***Form***

```
#-----
#-----
#
```

```
# Show the VCS "Page Layout" .
#
#-----
#-----
#Create dummy form class
```

class *create*

```
#-----
#
# Start of the "Variable Information" panel GUI Layout
#
#-----
# Start the Tkinter/Pmw GUI layout. The layout is listed from top to
# Starting with: the menu bar; followed by the "Select Variable" panel
# allows the user to select data from a directory or a database; followed
# the "Graphics Control" panel, which allows the user to plot the selected
# defined variables; followed by the "Dimension" panel, which allows the user
# select subsets of the selected variable before plotting or storing it
# followed by the "Defined Variables" panel, which allows the user to
# variables that are stored in memory; and finally followed by the "Variable
# Information" scroll window, which displays variable information.
#
# All panels are contained within a paned widget. Thus, allowing the user
# each section to expand or constrict.
#
#-----
# Begin the creation of "Variable Information" panel
#-----
```

Methods defined here:

```
__init__(self, parent)
```

class *create\_page\_description\_panel*

```
# Create page description panel's forms list
```

Methods defined here:

```
__init__(self, parent)
```

```
create_form(self, parent, data1=None, data2=None, data3=None, id=1, vcs=None)
    # Create page description form
```

```
do_plot(self, id)
```

```
evt_change_priority(self, id, parent)

evt_create_new_pl_form(self, parent)
    # Create a new page layout form

evt_form_priority_change_color(self, id, parent, event)

evt_remove_form(self, id, parent, event)

evt_replace_data(self, pe, id, data_entry, parent, event)

evt_replace_gm(self, pe, id, parent, event)

evt_replace_template(self, pe, id, parent, event)

evt_status_button(self, id, parent, event)
```

## ***Data***

```
Pmw = <Pmw.Pmw_1_2.lib.PmwLoader.PmwLoader instance>
```